

East Central College — Missouri S&T

Business and Management Systems BS

Transfer Guide Effective as of Fall 2026

Students are not required to complete all courses on this guide before transferring to Missouri S&T.

East Central College

Missouri S&T

Communication

Take all courses.

ENG 101	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
COM 110	Public Speaking	3	SPMS 1185	Principles of Speech <small>Applies to degree as Gen Ed communication requirement.</small>	3
Total Hours		6	Total Hours		6

Mathematics and Statistics

Take all courses.

MTH 180 or MTH 190	Survey Calculus (3) or Analytic Geometry & Calculus I (5)	3	MATH 1212 or MATH 1214*	Survey of Calculus (3) or Calculus I (4) <small>*Will be substituted for MATH 1210.</small>	4
MTH 150 or BUS 210 or MTH 242	Statistics or Basic Business Statistics or Engineering Statistics <small>At least one statistics course is required.</small>	3	STAT 1115 or STAT 3115*	Statistics for the Social Sciences or Engineering Statistics* <small>At least one statistics course is required. *Will be substituted for the statistics requirement.</small>	3
Total Hours		6	Total Hours		7

Natural Sciences General Education Requirements

Select 7* hours to include 1 living science lecture, 1 physical science lecture, and 1 lab.

BIO 111	General Biology and Lab	5	BIO SCI 1113, 1219*	General Biology (3) and Lab* (1) <small>*Lab satisfies science lab requirement below.</small>	4
BIO 121	Principles of Biology and Lab	5	BIO SCI 1213, 1219*	Principles of Biology (3) and Lab* (1) <small>*Lab satisfies science lab requirement below.</small>	4
EVR 103	Intro to Environmental Sciences	3	BIO SCI 1173	Intro to Environmental Sciences	3
BIO 122	Principles of Biology II and Lab	5	BIO SCI 1223, 1229*	Biodiversity (3) and Lab* (1) <small>*Lab satisfies science lab requirement below.</small>	4
CHM 111	General Chemistry I and Lab	5	CHEM 1310, 1319*	General Chemistry I (4) and Lab* (1) <small>*Lab satisfies science lab requirement below.</small>	5
GEO 101	Intro to Physical Geology	3	GEOLOGY 1110	Physical and Environmental Geology	3
PHY 111, 112	College Physics I and Lab	5	PHYSICS 1145*	College Physics I* (4) <small>*Lab satisfies science lab requirement below.</small>	4
PHY 211, 212	General Physics I and Lab	5	PHYSICS 1135*	Engineering Physics* (4) <small>*Lab satisfies science lab requirement below.</small>	4
PHY 102	Intro to Astronomy	3	PHYSICS 1505	Introductory Astronomy	3
Science Lab	One lab course from any physical or biological science if not taken with lecture course above.	1	Science Lab	One lab course from any physical or biological science if not taken with lecture course above.	1
Total Hours		7	Total Hours		7

*A maximum of 7 hours applies to the sciences degree requirement. Any additional credit hours apply to degree totals as general elective credit.

Humanities, Arts, and Social Sciences General Education Requirements

From the options listed in each group below, select 12 hours to include

3 hours Humanities and Fine Arts and

6 hours Behavioral and Social Sciences from at least 2 specific disciplines.

***At least one course must be selected from HISTORY 1200, 1300, 1310, or POL SCI 1200 to satisfy the State of Missouri government requirement.**

Humanities and Fine Arts

Select 3 hours.

HST 101* or HST 102* or ART 101 or MUS 101 or THE 101	US History to 1877* or US History Since 1877* or Art Appreciation or Music Appreciation or Theatre Appreciation <small>*Satisfies the State of Missouri government requirement.</small>	3	HISTORY 1300* or HISTORY 1310* or ART 1180 or MUSIC 1150 or THEATRE 1190	American History to 1877* or American History Since 1877* or Art Appreciation or Music Appreciation or Theatre via Video <small>*Satisfies the State of Missouri government requirement.</small>	3
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Behavioral and Social Sciences

Both PSYCH 1101 and POL SCI 1200 are required.

PSY 101	General Psychology	3	PSYCH 1101	General Psychology	3
PSC 102*	US Government I: National and State* <small>*Satisfies the State of Missouri government requirement.</small>	3	POL SCI 1200*	American Government* <small>*Satisfies the State of Missouri government requirement.</small>	3

Humanities, Arts, and Social Sciences

ECON 1100 is required.

ECO 102	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics	3
Total HASS Hours		12	Total HASS Hours		12

Major Requirements

Select additional courses to total up to the maximum transfer credit hours shown below.

ECO 101	Principles of Macroeconomics	3	ECON 1200	Principles of Macroeconomics	3
BUS 110	Intro to Business	3	BUS 1110	Intro to Management and Entrepreneurship	3
ACC 101	Fundamentals of Accounting	3	BUS 1210	Financial Accounting	3
BUS 234	Legal Environment of Business	3	BUS 2910	Business Law	3
ACC 110	Managerial Accounting	3	BUS 3220	Managerial Accounting	3
CIS 101	Microcomputer Application	3	IST 1750	Information Systems	3
CIS 143	Implementing Info Systems-User Perspective	3	IST 1551	Implementing Info Systems: User Perspective	3
CIS 173	Implementing Info Systems-Data Perspective	3	IST 1552	Implementing Info Systems: Data Perspective	3
BMT 201	Intro to ERP	3	ERP 2110	Intro to Enterprise Resource Planning	3
BUS 111	Principles of Marketing	3	MKT 3110	Marketing	3
Electives	Maximum Free Electives	11	Electives	Maximum Free Electives	11

Maximum credit hours to be transferred to Missouri S&T degree requirements.

60

Missouri S&T residency requirements: The last 60 hours of any Missouri S&T degree must be completed at Missouri S&T.
Students must receive special permission from Missouri S&T to apply more than the maximum credit hours listed above toward the Missouri S&T degree.
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